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SEQUENCE LISTING

<110> RIKEN/Kazusa DNA RESEARCH INSTITUTE

<120> Polypeptide which composes human domain and the use thereof

<130> P02-0086PCT

<140>

<141>

<150> JP2002-236129

<151> 2002-08-13

<160> 22

<170> PatentIn Ver. 2.1

<210> 1

<211> 91

<212> PRT

<213> Homo sapiens

<400> 1

Leu Ala Met Pro Pro Gly Asn Ser His Gly Leu Glu Val Gly Ser Leu
1 5 10 15

Ala Glu Val Lys Glu Asn Pro Pro Phe Tyr Gly Val Ile Arg Trp Ile
20 25 30

Gly Gln Pro Pro Gly Leu Asn Glu Val Leu Ala Gly Leu Glu Leu Glu
35 40 45

Asp Glu Cys Ala Gly Cys Thr Asp Gly Thr Phe Arg Gly Thr Arg Tyr
50 55 60

Phe Thr Cys Ala Leu Lys Lys Ala Leu Phe Val Lys Leu Lys Ser Cys
65 70 75 80

Arg Pro Asp Ser Arg Phe Ala Ser Leu Gln Pro
85 90

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<210> 2
<211> 273
<212> DNA
<213> Homo sapiens

<400> 2
ttggccatgc ctcctgggaa ctcacatggt ctagaagtgg gctcattggc tgaagttaag 60
gagaaccctc ctttctatgg ggtaatccgt tggatcggc agccaccagg actgaatgaa 120
gtgctcgctg gacttggaact ggaagatgag tgtgcaggct gtacggatgg gaccttcaga 180
ggcactcggt atttcacctg tgccctgaag aaggcgctgt ttgtgaaact gaagagctgc 240
aggcctgact ctaggtttgc atcattgcag ccg 273

<210> 3
<211> 101
<212> PRT
<213> Homo sapiens

<400> 3
Asn Thr Ala Pro Val Gln Glu Ser Pro Pro Leu Ala Met Pro Pro Gly
1 5 10 15
Asn Ser His Gly Leu Glu Val Gly Ser Leu Ala Glu Val Lys Glu Asn
20 25 30
Pro Pro Phe Tyr Gly Val Ile Arg Trp Ile Gly Gln Pro Pro Gly Leu
35 40 45
Asn Glu Val Leu Ala Gly Leu Glu Leu Glu Asp Glu Cys Ala Gly Cys
50 55 60
Thr Asp Gly Thr Phe Arg Gly Thr Arg Tyr Phe Thr Cys Ala Leu Lys
65 70 75 80
Lys Ala Leu Phe Val Lys Leu Lys Ser Cys Arg Pro Asp Ser Arg Phe
85 90 95
Ala Ser Leu Gln Pro
100

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<210> 4
<211> 303
<212> DNA
<213> Homo sapiens

<400> 4
aacactgcac ccgccaaga gagtccaccc ttggccatgc ctccctgggaa ctacatggt 60
ctagaagtgg gctcattggc tgaagttaag gagaaccctc ctttctatgg ggtaatccgt 120
tggatcggtc agccaccagg actgaatgaa gtgctcgctg gactggaact ggaagatgag 180
tgtgcaggct gtacggatgg aaccttcaga ggcactcggg atttaccctg tgccctgaag 240
aaggcgctgt ttgtgaaact gaagagctgc aggcctgact ctaggtttgc atcattgcag 300
ccg 303

<210> 5
<211> 106
<212> PRT
<213> Homo sapiens

<400> 5
Asn Thr Ala Pro Val Gln Glu Ser Pro Pro Leu Ala Met Pro Pro Gly
1 5 10 15
Asn Ser His Gly Leu Glu Val Gly Ser Leu Ala Glu Val Lys Glu Asn
20 25 30
Pro Pro Phe Tyr Gly Val Ile Arg Trp Ile Gly Gln Pro Pro Gly Leu
35 40 45
Asn Glu Val Leu Ala Gly Leu Glu Leu Glu Asp Glu Cys Ala Gly Cys
50 55 60
Thr Asp Gly Thr Phe Arg Gly Thr Arg Tyr Phe Thr Cys Ala Leu Lys
65 70 75 80
Lys Ala Leu Phe Val Lys Leu Lys Ser Cys Arg Pro Asp Ser Arg Phe
85 90 95
Ala Ser Leu Gln Pro Val Ser Asn Gln Ile
100 105

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<210> 6
<211> 318
<212> DNA
<213> Homo sapiens

<400> 6
aacactgcac ccgtccaaga gagtccaccc ttggccatgc ctcttgggaa ctcacatggt 60
ctagaagtgg gctcattggc tgaagtaag gagaaccctc ctttctatgg ggtaatccgt 120
tggatcggtc agccaccagg actgaatgaa gtgctcgctg gactggaact ggaagatgag 180
tgtgcaggct gtacggatgg aaccttcaga ggcaactcgt atttcacctg tgccctgaag 240
aaggcgctgt ttgtgaaact gaagagctgc aggcctgact ctaggtttgc atcattgcag 300
ccggtttcca atcagatt 318

<210> 7
<211> 96
<212> PRT
<213> Homo sapiens

<400> 7
Leu Ala Met Pro Pro Gly Asn Ser His Gly Leu Glu Val Gly Ser Leu
1 5 10 15
Ala Glu Val Lys Glu Asn Pro Pro Phe Tyr Gly Val Ile Arg Trp Ile
20 25 30
Gly Gln Pro Pro Gly Leu Asn Glu Val Leu Ala Gly Leu Glu Leu Glu
35 40 45
Asp Glu Cys Ala Gly Cys Thr Asp Gly Thr Phe Arg Gly Thr Arg Tyr
50 55 60
Phe Thr Cys Ala Leu Lys Lys Ala Leu Phe Val Lys Leu Lys Ser Cys
65 70 75 80
Arg Pro Asp Ser Arg Phe Ala Ser Leu Gln Pro Val Ser Asn Gln Ile
85 90 95

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<210> 8
<211> 288
<212> DNA
<213> Homo sapiens

<400> 8
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gagaaccctc ctttctatgg ggtaatccgt tggatcggtc agccaccagg actgaatgaa 120
gtgctcgctg gactggaact ggaagatgag tgtgcaggct gtacggatgg aaccttcaga 180
ggcactcggt atttcacctg tgccctgaag aaggcgctgt ttgtgaaact gaagagctgc 240
aggcctgact ctaggtttgc atcattgcag ccggtttcca atcagatt 288

<210> 9
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Primer

<400> 9
ggtgccacgc ggatccctga ccaccgagaa cagattccac 40

<210> 10
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Primer

<400> 10
tatgctagcg gccgctcatt actgattgga aaccggctgc aatga 45

<210> 11
<211> 124
<212> DNA
<213> Artificial Sequence

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<220>

<223> Description of Artificial Sequence:Primer

<400> 11

gaaattaata cgactcacta tagggagacc acaacggttt ccctctagaa ataattttgt 60
ttaactttaa gaaggagata tacatatgca ccatcatcat catcatctgg tgccacgcgg 120
atcc 124

<210> 12

<211> 66

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

<400> 12

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tcatta 66

<210> 13

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

<400> 13

ccagcggctc ctcgggaaac actgcacccg tcc 33

<210> 14

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

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<400> 14

ccagcggctc ctcggttg gccatgcctc ctg

33

<210> 15

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

<400> 15

cctgacgagg gccccgacgg ctgcaatgat gcaa

34

<210> 16

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

<400> 16

cctgacgagg gccccgaaat ctgattggaa accggc

36

<210> 17

<211> 227

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Primer

<400> 17

gccttgtca ttgtgttcg catgattacg aattcagatc tcatccgc gaaattaata 60
cgactcacta tagggagacc acaacggtt cctctagaa ataatttgt ttaacttta 120
gaaggagata tacatatgaa aggcagcagc catcatcatc atcatcacga ttacgatac 180
ccaacgaccg aaaacctgta ttttcaggga tccagcggt cctcggg 227

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<210> 18
 <211> 187
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Primer

<400> 18
 cggggccctc gtcaggataa taattgattg atgctgagtt ggctgctgcc accgctgagc 60
 aataactagc ataacccttt ggggcctcta aacgggtcctt gaggggtttt ttgctgaaag 120
 gaggaactat atccggataa cctcgagctg caggcatgca agcttggcga agcacaatga 180
 caagagc 187

<210> 19
 <211> 20
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Primer

<400> 19
 gctcttgtca ttgtgcttcg 20

<210> 20
 <211> 104
 <212> PRT
 <213> Homo sapiens

<400> 20
 Gly Ser Ser Gly Ser Ser Gly Leu Ala Met Pro Pro Gly Asn Ser His
 1 5 10 15
 Gly Leu Glu Val Gly Ser Leu Ala Glu Val Lys Glu Asn Pro Pro Phe
 20 25 30

Tyr Gly Val Ile Arg Trp Ile Gly Gln Pro Pro Gly Leu Asn Glu Val

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35

40

45

Leu Ala Gly Leu Glu Leu Glu Asp Glu Cys Ala Gly Cys Thr Asp Gly
50 55 60

Thr Phe Arg Gly Thr Arg Tyr Phe Thr Cys Ala Leu Lys Lys Ala Leu
65 70 75 80

Phe Val Lys Leu Lys Ser Cys Arg Pro Asp Ser Arg Phe Ala Ser Leu
85 90 95

Gln Pro Ser Gly Pro Ser Ser Gly
100

<210> 21

<211> 419

<212> PRT

<213> Homo sapiens

<400> 21

Met Asn Arg His Leu Trp Lys Ser Gln Leu Cys Glu Met Val Gln Pro
1 5 10 15

Ser Gly Gly Pro Ala Ala Asp Gln Asp Val Leu Gly Glu Glu Ser Pro
20 25 30

Leu Gly Lys Pro Ala Met Leu His Leu Pro Ser Glu Gln Gly Ala Pro
35 40 45

Glu Thr Leu Gln Arg Cys Leu Glu Glu Asn Gln Glu Leu Arg Asp Ala
50 55 60

Ile Arg Gln Ser Asn Gln Ile Leu Arg Glu Arg Cys Glu Glu Leu Leu
65 70 75 80

His Phe Gln Ala Ser Gln Arg Glu Glu Lys Glu Phe Leu Met Cys Lys
85 90 95

Phe Gln Glu Ala Arg Lys Leu Val Glu Arg Leu Gly Leu Glu Lys Leu
100 105 110

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Asp Leu Lys Arg Gln Lys Glu Gln Ala Leu Arg Glu Val Glu His Leu
115 120 125

Lys Arg Cys Gln Gln Gln Met Ala Glu Asp Lys Ala Ser Val Lys Ala
130 135 140

Gln Val Thr Ser Leu Leu Gly Glu Leu Gln Glu Ser Gln Ser Arg Leu
145 150 155 160

Glu Ala Ala Thr Lys Glu Cys Gln Ala Leu Glu Gly Arg Ala Arg Ala
165 170 175

Ala Ser Glu Gln Ala Arg Gln Leu Glu Ser Glu Arg Glu Ala Leu Gln
180 185 190

Gln Gln His Ser Val Gln Val Asp Gln Leu Arg Met Gln Gly Gln Ser
195 200 205

Val Glu Ala Ala Leu Arg Met Glu Arg Gln Ala Ala Ser Glu Glu Lys
210 215 220

Arg Lys Leu Ala Gln Leu Gln Val Ala Tyr His Gln Leu Phe Gln Glu
225 230 235 240

Tyr Asp Asn His Ile Lys Ser Ser Val Val Gly Ser Glu Arg Lys Arg
245 250 255

Gly Met Gln Leu Glu Asp Leu Lys Gln Gln Leu Gln Gln Ala Glu Glu
260 265 270

Ala Leu Val Ala Lys Gln Glu Val Ile Asp Lys Leu Lys Glu Glu Ala
275 280 285

Glu Gln His Lys Ile Val Met Glu Thr Val Pro Val Leu Lys Ala Gln
290 295 300

Ala Asp Ile Tyr Lys Ala Asp Phe Gln Ala Glu Arg Gln Ala Arg Glu
305 310 315 320

Lys Leu Ala Glu Lys Lys Glu Leu Leu Gln Glu Gln Leu Glu Gln Leu
325 330 335

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Gln Arg Glu Tyr Arg Lys Leu Lys Ala Ser Cys Gln Glu Ser Ala Arg
 340 345 350

Ile Glu Asp Met Arg Lys Arg His Val Glu Val Ser Gln Ala Pro Leu
 355 360 365

Pro Pro Ala Pro Ala Tyr Leu Ser Ser Pro Leu Ala Leu Pro Ser Gln
 370 375 380

Arg Arg Arg Pro Pro Glu Glu Pro Pro Asp Phe Cys Cys Pro Lys Cys
 385 390 395 400

Gln Tyr Gln Ala Pro Asp Met Asp Thr Leu Gln Ile His Val Met Glu
 405 410 415

Cys Ile Glu

<210> 22

<211> 1260

<212> DNA

<213> Homo sapiens

<400> 22

atgaataggc acctctggaa gagccaactg tgtgagatgg tgcagcccag tgggtggccc 60
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 ctgccttcag aacagggcgc tcttgagacc ctccagcgct gcctggagga gaatcaagag 180
 ctccgagatg ccatccggca gagcaaccag attctgcggg agcgtgcga ggagcttctg 240
 catttccaag ccagccagag ggaggagaag gagttctca tgtgcaagtt ccaggaggcc 300
 aggaaactgg tggagagact cggcctggag aagctcgatc tgaagaggca gaaggagcag 360
 gctctgcggg aggtggagca cctgaagaga tgccagcagc agatggctga ggacaaggcc 420
 tctgtgaaag cccaggtgac gtccttgctc ggggagctgc aggagagcca gattcgcttg 480
 gaggttgcca ctaaggaatg ccaggctctg gaggtcggg cccgggcggc cagcgagcag 540
 gcgcggcagc tggagagtga gcgcgaggcg ctgcagcagc agcacagcgt gcaggtggac 600
 cagctgcgca tgcagggccca gagcgtggag gccgcgtcc gcatggagcg ccaggccgcc 660
 tcggaggaga agaggaagct ggcccagttg cagggtggcct atcaccagct cttccaagaa 720
 tacgacaacc acatcaagag cagcgtggtg ggcagtgagc ggaagcgagg aatgcagctg 780
 gaagatctca aacagcagct ccagcaggcc gaggaggccc tgggtggcca acaggaggtg 840
 atcgataagc tgaaggagga ggccgagcag cacaagattg tgatggagac cgttccggtg 900
 ctgaaggccc aggcggatat ctacaaggcg gacttccagg ctgagaggca ggcccgggag 960
 aagctggccg agaagaagga gctcctgcag gaggcagctgg agcagctgca gagggagtac 1020

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agaaaactga aggccagctg tcaggagtcg gccaggatcg aggacatgag gaagcggcat 1080
gtcgaggtct cccaggcccc cttgcccccc gccctgcct accctcctc tcccctggcc 1140
ctgcccagtc agaggaggag gccccagag gagccacctg acttctgctg tccaagtgc 1200
cagtatcagg cccctgatat ggacacctg cagatacatg tcatggagtg cattgagtag 1260